



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5765-1

Job Sheet 207389



Part No: D5765-1

Job Qty: 20 pcs

Part Name: Compression Spring



Part Weight: 0 lbs

Status: New

Job Created: 2/25/20

Job Tracking No:

Due Date: 3/6/20

Created By: Jennifer Renwick

Type: Stock

Description:

Note: URF 20-522 DWG D5765 Rev A IPP Rev. A 2020.02.05 New issue DP Verify DD

Ship Via:

POSITIVE RECALL

EFFECTIVE 2020-03-05 AUTH 2020-03-05

RELEASED 2020-03-05 DATE 2020-03-05

Priority: Medium

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	20 pcs	3/6/20	0.00	0.00		Purchasing - 1	MC MAR 23 2020
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	20 pcs	3/6/20	0.00	0.00		Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	

PRIORITY



Container No: S265828



Part: D5765-1

Job No: 207389

Serial No/Batch: S265828

Revision: Rev.A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/23/20

Plex 2/25/20 1:01 PM Dart.lajeunesse.marie

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					Packaging 2 - 37 - B4B	
120	QC 6	20 pcs	3/6/20	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	DAS 81
					QC 6 - 40	9-89
					QC 6 - 81	
						APR 14 2020
130	Packaging 3-1 - Stock - B4B	20 pcs	3/6/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	DAS 84
					Packaging 3 - 24 - B4B	9-89
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					Packaging 3 - 37 - B4B	
140	QC 21 - SA	20 pcs	3/6/20	0.00 0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	DAS 21
					QC 21 - SA - 53	9-89
					Broussard	

Part Op 100 - Issue P/O: _____ Manufacture D5765-1 as per dwg C OF C IS REQUIRED

Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached

120 - (QC6- All purchased or subcontracted products)

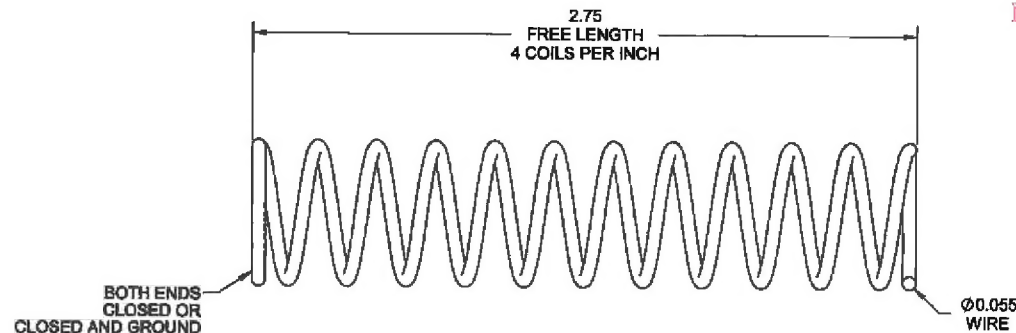
130 - Identify as per dwg & Stock Location:

140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D5765-1P	Compression Spring	20 (1 ea)	100-Purchasing	S265826
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D5765-1P	20	0	0
Part Specifications				
Specifications could not be found.				

Plex 2/25/20 1:01 PM Dart.lajeunesse.marie

SHOP COPY
 RETURN TO
 ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 20738 *11-5*
2002-25



D5765-1 COMPRESSION SPRING
 (DERIVED FROM AERO DESIGN P/N 69830-23 AND 69878-01)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: AISI 302 STAINLESS STEEL SPRING WIRE, 0.055 DIA
 PER ASTM A313
 REF DART SPEC M302SW
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 0.01 lbs

RELEASED

2020 FEB 18 *NO*
ECN 2020-S21

APPROVED

A NEW ISSUE		ZF	19.12.17
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED	NO		
DE APPR.	CP		
DATE	19.12.17		

DART AEROSPACE LTD
 HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5765**

TITLE **COMPRESSION SPRING**

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REV. A

SHEET 1 OF 1

SCALE NTS

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause <div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		FAULT CATEGORY <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046058



Supplier: VIC002-VC
Victory Spring Ltd.
3810 - 51 Ave.
Edmonton
AB
T6B 3T5 Canada
Phone: 780 442 4020
Fax: 780 466 8000

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046058

PO Date: 3/10/20

Due Date: 3/27/20

Purchase Order

Revision:

Revision Date:

Issued By: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
MAR 10 2020

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	207389	D5765-1P				Compression Spring as per dwg D5765 rev. A	Firmed XAC	-	3/27/20	20 pcs	0 pcs	20 pcs	\$8.75/pcs	\$175.00
													Grand Total:	\$175.00

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

DAS
81
9-89

Plex 3/10/20 11:46 AM Dart.Lavoie.Chantal

CERTIFICATE OF CONFORMANCE

REPORT FOR : Dart Aerospace Ltd.	DATE: 2020-03-20
PART/DRAWING #: D5765-1P Rev A	PO # POHB046058
DESCRIPTION: Compression Spring	QUANTITY: 20

VICTORY SPRING CERTIFIES BY THIS DOCUMENT THAT ALL OPERATIONS ARE DONE ACCORDING TO
DRAWINGS AND SPECIFICATIONS

DAS
81
9-89

Material type T302 Stainless Steel Spring Wire
Heat # 41477
Raw Material
Country of Origin USA

Inspected by: Jeremy Burrowes - QA

Jeremy Burrowes



241 DEERHURST DRIVE, BRAMPTON, ONTARIO L6T 5K3
TEL:(905)791-6811/1-800-387-2441-FAX:(905)791-9598
SLITTING, OSCILLATING, EDGING AND CUSTOM PROCESSING
INDUSTRY'S CHOICE FOR QUALITY

Customer PO#: 14998

Page: 1 Of 1

Date Ordered: 11-Jan-2013

Sales Rep: Jonathan

Customer #: 20612

Description: T302 Stainless Steel Wire Spring .0540 Stocl

Size: .054" x coil

Edge:

Qty Ordered: 50.00

Specification: Astm a 313-10

Gibbs Product Code: 811-18-0540-01

Size Tolerance: -

Customer Part #:

Material Certification

Qty Shipped: 52.00

Coils:1

Heat #:41477

C:.068

Mn:1.11

P:.030

S:.001

Si:.38

Cu:.34

Ni:8.02

Cr:18.21

Mo:.29

V:

Sn:

Ti:

Al:

Be:

N:.08

Tensile:278,000 / 281,000

Yield:N.A. / N.A.

Elong.:N.A. / N.A.

Hardness : N.A. / N.A.

Grain:N.A. / N.A.

Cond. Ch900 :N.A. / N.A.

Comments:

Melt Source - USA - Mill Sumiden

Rohs Compliant - 302/304

Jim Carroll

Quality Department

Based on our Supplier's analysis

The order will be billed at the price prevailing at the time of shipment

Q405, Rev. No. 001/07 BR 03/06/07

Packing List #: 111012

Sch'd to Ship: Jan 18 2013

Ship To: Victory Spring Company
#2 - 6104 82 Ave.
Edmonton

Alberta, T6B 0E7

Ship Via Apex

F.O.B. Brampton

Terms Collect

Sold To: Victory Spring Company
#2 - 6104 82 Ave.
Edmonton, Alberta
T6B 0E7

Quantity Shipped (lbs): 52.00

Gross Weight (lbs): 0.00

Packaging Description: 110988

Shipper: Gibbs Wire & Steel

Per: _____

Date: _____

Agent: _____

Per: _____

Date: _____

All claims for shortages must be made with 10 days.
Goods may NOT be returned without a
Gibbs authorization number.



VICTORY SPRING

convenient. consistent. correct.

3810 - 51 Ave
Edmonton, AB T6B 3T5
t + 780 442 4020
e + accounts@victoryspring.ca

PACKING SLIP

Packing Slip: 46624
Date: Mar 20, 2020
Order Ref: POHB046058

Sold to:

Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

Ship to:

Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

Shipped By: FedEx

Shipped Quantity	Backorder Quantity	Unit	Item No.	Description	Price
20		EACH		Compression Spring	8.75
Comment: FedEx: 7700-7380-9957					

RECEIVED
MAR 23 2020
DART AEROSPACE LTD.